

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)								Docket Number (Optional) A1186cn1		Application Number Unknown	
								Applicant Burbank et al.		Filing Date herewith	

U. S. PATENT DOCUMENTS

EXAMINEE R INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
AAA	3	5	9	0	8	0	8	7/71	Muller			
AAA	3	6	0	0	8	7	8	9/71	Kellogg, Jr.			
AAA	3	8	4	4	2	7	2	10/74	Banko			
MTO	4	0	9	9	5	1	8	7/78	Baylis et al.			
AAA	4	6	0	0	0	1	4	7/86	Beraha	128	754	
AAA	4	6	4	4	9	5	1	2/87	Bays			
AAA	4	6	5	1	7	5	3	3/87	Lifton	128	751	
AAA	4	6	8	1	1	2	3	7/87	Valtchev	128	753	
AAA	4	7	2	9	7	6	4	3/88	Gaultier	604	38	
AAA	4	7	8	1	2	0	2	11/88	Janese	128	754	
AAA	4	8	5	0	3	7	3	7/89	Zatloukal et al.	128	749	
AAA	4	9	1	9	1	4	6	4/90	Rhinehart et al.	128	782	
AAA	4	9	2	4	8	7	8	5/90	Nottke	128	751	
AAA	4	9	4	0	0	6	1	7/90	Terwilliger et al.	128	749	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	"CORE TISSUE BIOPSY - Using the Bard® Biopsy® System" -- Fred Burbank, MD, pub. status and date unknown, 12 pgs.
	2	"ASAP™ - Automatic Soft Biopsys System" -- Microvasive® - Boston Scientific Corp; 1992; 2 pgs.
	3	"New! from BARD® RADIOLOGY - When It Comes To Core Samples, I Demand Accuracy and Consistency for All My Patients." Bard Radiology; 1987; 4 pgs.
	4	"NUCLEOTOME® SYSTEM - Automated Percutaneous Lumbar Discectomy™" Surgical Dynamics®; 1990; 4 pgs.

EXAMINER	DATE CONSIDERED
<i>H. Burbank</i>	<i>7/14/98</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE	
MAA	Re.		3	3	2	5	8	7/90	Onik et al.	604	22	
MAA	4	9	5	8	6	2	5	9/90	Bates et al.	128	754	
MAA	4	9	7	6	2	6	9	12/90	Mehl	128	754	
MAA	5	0	3	1	6	3	4	7/91	Simon	128	754	
MAA	5	0	4	8	5	3	8	9/91	Terwilliger et al.	128	754	
MAA	5	1	2	5	4	1	3	6/92	Baran	128	754	
MAA	Re		3	4	0	5	6	9/92	Lindgren et al.	128	754	
MAA	5	1	7	4	3	0	0	12/92	Bales et al.	128	751	
MAA	5	1	8	3	0	5	2	2/93	Terwilliger	128	753	
MAA	5	1	8	3	0	5	4	2/93	Burkholder et al.	128	754	
MAA	5	1	8	8	1	1	8	2/93	Terwilliger	128	753	
MAA	5	1	9	5	5	3	3	3/93	Chin et al.	128	754	
MAA	5	1	9	7	4	8	4	3/93	Kornberg et al.	128	754	
MAA	5	2	1	7	4	5	8	6/93	Parins	606	48	
MAA	5	2	1	7	4	7	9	6/93	Shuler	606	180	
MAA	5	2	2	4	4	7	0	7/93	Schnepp-Pesch et al.	128	753	
MAA	5	2	3	4	0	0	0	8/93	Hakky et al.	128	754	
MAA	5	2	4	0	0	1	1	8/93	Assa	128	751	
MAA	5	2	4	3	9	9	4	9/93	Ranalletta	128	754	
MAA	5	2	4	9	5	8	3	10/93	Mallaby	128	754	
MAA	5	2	5	5	6	8	8	10/93	Gilliard	128	753	
MAA	3	9	2	9	1	2	3	12/75	Jamshidi			
MAA	4	6	8	1	1	2	3	7/87	Valtchev			
MAA	5	3	9	4	8	8	7	3/95	Haaga	128	754	
MAA	5	5	6	0	3	7	3	10/96	DeSantis	128	753	
EXAMINER <i>H. Burbank</i>							DATE CONSIDERED <i>7/14/98</i>					
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<i>AAA</i>	3	7	3	4	0	9	9	5-73	Bender et al.	128	305	
<i>AAA</i>	4	2	6	0	1	0	6	4-80	Douvas et al.	128	305	
<i>AAA</i>	4	2	0	3	4	4	4	5-80	Bonnell et al.	128	276	
<i>AAA</i>	4	2	1	6	1	4	6	7-80	Banko	128	305	
<i>AAA</i>	4	2	4	3	0	4	8	1-81	Griffin	128	751	
<i>AAA</i>	4	4	6	1	3	0	5	7-84	Cibley	128	754	
<i>AAA</i>	4	5	3	7	9	7	7	5-85	Frost	604	22	
<i>AAA</i>	4	6	9	9	1	5	4	10-87	Lindgren	128	754	
<i>AAA</i>	4	7	0	8	1	4	7	11-87	Haaga	128	753	
<i>AAA</i>	4	7	0	2	2	6	1	10-87	Cornell et al.	128	754	
<i>AAA</i>	4	7	3	3	6	7	1	3-88	Mehl	128	754	
	4	7	3	5	2	4	5	4-88	Goto et al.	128	754	
<i>AAA</i>	4	8	4	4	0	8	8	7-89	Kambin	128	753	
<i>AAA</i>	4	8	9	3	6	3	5	1-90	de Groot et al.	128	754	
<i>AAA</i>	4	9	4	4	3	9	8	7-90	Akerfeldt	128	751	
<i>AAA</i>	4	9	0	6	5	8	3	10-90	Debbas	604	98	
<i>AAA</i>	4	9	7	1	0	6	7	11-90	Bolduc et al.	128	751	
<i>AAA</i>	4	9	9	1	5	9	2	2-91	Christ	128	754	
<i>AAA</i>	5	1	6	8	3	8	1	4-92	Kolozsi	604	319	
<i>AAA</i>	5	1	1	1	8	2	8	5-92	Kornberg et al	128	754	
<i>AAA</i>	5	1	3	3	3	5	9	7-92	Kedem	128	754	
<i>AAA</i>	5	1	3	3	3	6	9	7-92	Spears	128	754	
<i>AAA</i>	5	2	2	4	4	8	8	7-93	Neuffer	128	751	
<i>AAA</i>	5	2	8	2	4	7	6	2-94	Terwilliger	128	753	
<i>AAA</i>	5	2	8	4	1	5	6	2-94	Schramm et al.	128	754	
EXAMINER								DATE CONSIDERED	<i>7/14/98</i>			

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Applicant Burbank et al.

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Group Art Unit 3384 3736

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
AAA	5	3	0	1	6	8	4	4-94	Ogirala	128	754	
AAA	5	3	1	3	9	5	8	5-94	Bauer	128	754	
AAA	5	3	1	6	0	1	3	5-94	Striebal, II et al.	128	754	
AAA	5	3	2	0	1	1	0	6-94	Wang	128	753	
AAA	5	3	2	4	3	0	0	6-94	Elias et al.	606	180	
AAA	5	3	3	3	6	1	9	8-94	Burgio	128	754	
AAA	5	3	3	5	6	7	2	8-94	Bennett	128	754	
AAA	5	3	3	6	1	7	6	8-94	Yoon	604	51	
AAA	5	3	4	1	8	1	6	8-94	Allen	128	754	
AAA	5	3	4	8	0	2	2	9-94	Leigh et al.	128	753	
AAA	5	3	5	3	8	0	4	10-94	Kornberg et al.	128	754	
AAA	5	3	6	8	0	4	5	11-94	Clement et al.	128	754	
AAA	2	9	1	9	6	9	2	1-60	Ackermann	128	754	
AAA	5	0	0	5	5	8	5	4-91	Mazza	128	754	
AAA	3	7	3	2	8	5	8	5-73	Banko	128	753	
AAA	4	3	0	6	5	7	0	12-81	Matthews	128	754	
AAA	4	7	0	2	2	6	0	10-87	Wang	128	753	
AAA	4	6	5	1	7	5	3	3-87	Lifton	128	751	
AAA	2	7	0	5	9	4	9	4-55	Silverman	128	751	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AAA	WO 93/14707	8-93	PCT (Andreas)				
AAA	0 3 7 8 6 9 2	7-90	Europe (Sogawa)				
AAA	0 4 4 2 8 5 1	8-91	Europe (Caponi)				
AAA	C 9 3 5 6 2 5	5-55	Germany (Bodendieck et al)				
AAA	WO A, 93 22972	11-93	Europe <i>en UX</i>				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>J. Rosenberg</i>	DATE CONSIDERED	<i>7/4/98</i>
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